

CERTIFICATION R97-07/002

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERAL CERTIFICATION OF APPROVAL
AUTHORIZING MOSQUITO CONTROL
IN SURFACE WATER STORM WATER CATCH BASINS

In compliance with the provisions of Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), and R 323.1097 promulgated there under, certain pesticides are authorized to be applied to surface water storm water catch basins to control the larval and pupal stages of mosquitoes as outlined below. This certification does not authorize any of the following:

- a) The application of pesticides to control adult mosquitoes (adulticiding).
- b) The application of pesticides such that any state or federal endangered or threatened species pursuant to Part 365, Endangered Species Protection, of Act 451 may be injured. Information on endangered and threatened species is available at www.michigan.gov/dnr.
- c) The application of pesticides to waters in a wastewater treatment system covered by a National Pollution Discharge Elimination System permit.
- d) The application of pesticides to surface waters of the state other than surface water storm water catch basins.

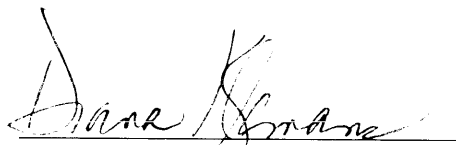
The application of pesticides to surface water storm water catch basins is authorized by this certification only under the following conditions:

- 1. The area to which the pesticides are applied is a storm water catch basin. A surface water storm water catch basin is defined as storm water inlets of the storm water collection system which contain a sump to capture solids. This does not include storm water catch basins that dewater to the groundwater.
- 2. The application of pesticides must be made by one of the following entities:
 - (a) A person or entity who owns and/or maintains the surface water storm water catch basin.
 - (b) A state or local government acting under authority of state law.
 - (c) A person who has written authorization to act on behalf of an entity in (a) or (b).
- 3. The application of pesticides shall be conducted according to all pertinent label instructions and additional restrictions identified in this certification, and should be in consideration of integrated pest management options.
- 4. The application of the pesticides shall be for the control of larval and pupal stages of the mosquito only. Pesticides used for the control of mosquito larvae and pupae must be registered by the Michigan Department of Agriculture for sale and distribution in the state of Michigan. The following website provides information regarding the registration of pesticides in Michigan: www.michigan.gov/mda/. The application of "biological"

pesticides (bacterial strains) should be given preference over the use of "chemical" (non-biological) pesticides.

5. Only the following pesticides are authorized to be used in surface water storm water catch basins of the state under the specified conditions:
 - (a) *Bacillus thuringiensis israeliensis* (B.t.i.) and *Bacillus sphaericus* may be used for the control of mosquito larvae in surface water storm water catch basins.
 - (b) Methoprene may be used for the control of mosquito larvae and pupae in surface water storm water catch basins.
6. The District Supervisor of the Water Bureau shall be notified prior to initiating treatments. A list of the Michigan Department of Environmental Quality (MDEQ) district boundaries, Water Bureau District Supervisors, and contact information is provided in Attachment 1.
7. The entity making pesticide applications to surface water storm water catch basins shall retain records identifying treatment locations, dates of treatment, pesticide applicator(s) (if applicable), pesticides used at each location and any written authorization obtained to comply with Item 2 for five years from date of treatment. These records shall be available for MDEQ inspection upon request. Commercial pesticide applications must also comply with the record keeping requirements under Michigan Department of Agriculture's Regulation 636, Rule 15.
8. In the event that any condition of this Certificate of Approval may not be met, the applicant shall immediately notify the District Supervisor responsible for the area in which the treatment occurred.
9. The issuance of this certification does not authorize violation of any federal, state or local laws or regulations, nor does it obviate the necessity of obtaining such permits, including any other MDEQ permits, or approvals from other units of government as may be required by law.

Issued this 13th day of February 2007, by the MDEQ and shall expire at midnight, December 31, 2007.



Diana Klemans, Chief
Surface Water Assessment Section
Water Bureau

Attachment

Attachment 1

District Supervisor Contacts

DISTRICT	CONTACT	COUNTIES
Cadillac District Office 120 West Chapin Street Cadillac, MI 49601-2158	Mike Stifler stiflerm@michigan.gov 231-775-3960, Ext. 6260	Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Kalkaska, Lake, Leelanau, Manistee, Mason, Missaukee, Montmorency, Osceola, Oscoda, Otsego, Presque Isle, Roscommon, Wexford
Grand Rapids District Office State Office Building, 6 th Floor 350 Ottawa Avenue NW Grand Rapids, MI 49503-2341	Dave Timm timmd@michigan.gov 616-356-0277	Barry, Ionia, Kent, Montcalm, Mecosta, Muskegon, Newaygo, Oceana, Ottawa
Jackson District Office Jackson State Office Building 301 E. Louis Glick Highway Jackson, MI 49201-1556	Jon Russell russelje@michigan.gov 517-780-7837	Hillsdale, Jackson, Lenawee, Monroe, Washtenaw
Kalamazoo District Office 7953 Adobe Road Kalamazoo, MI 49009-5026	Greg Danneff danneffg@michigan.gov 269-567-3575	Allegan, Calhoun, Kalamazoo, VanBuren, Berrien, Branch, Cass, St. Joseph
Saginaw Bay District Office 503 N. Euclid Avenue, Suite 1 Bay City, MI 48706-2965	Jon Bloemker bloemkej@michigan.gov 989-686-8025, Ext. 8380	Arenac, Bay, Clare, Gladwin, Huron, Iosco, Isabella, Midland, Ogemaw, Saginaw, Sanilac, Tuscola
Lansing District Office P.O. Box 30242 Lansing, MI 48909-7742	Tim Benton bentont@michigan.gov 517-335-4523	Clinton, Eaton, Genesee, Gratiot, Ingham, Lapeer, Livingston, Shiawassee
Southeast Michigan District Office 27700 Donald Court Warren, MI 48092	Patricia Huddas huddasp@michigan.gov 586-753-3773	Macomb, Oakland, St. Clair, Wayne
Upper Peninsula District Office KI Sawyer International Airport & Business Center 420 Fifth Street Gwinn, MI 49841	Steve Casey caseys@michigan.gov 906-346-8535	Alger, Baraga, Chippewa, Delta, Dickenson, Gogebic, Houghton, Iron, Luce, Keweenaw, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft